

DERWENT-ACC-NO: 2003-126428

DERWENT-WEEK: 200312

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TITLE: Conductive ball for anisotropic conductive film

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PRIORITY-DATA: 2000KR-0082798 (December 27, 2000)

PATENT-FAMILY:

PUB-NO	PUB-DATE	
LANGUAGE	PAGES	MAIN-IPC
KR 2002054107 A		July 6, 2002
001	H01L 023/532	N/A

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
KR2002054107A	N/A	
2000KR-0082798	December 27, 2000	

INT-CL (IPC): H01L023/532

ABSTRACTED-PUB-NO: KR2002054107A

BASIC-ABSTRACT:

NOVELTY - A conductive ball for an anisotropic conductive film is provided to improve reliability regarding the anisotropic conductive film, by preventing indium tin oxide (ITO) glass from being broken and by reducing elastic stress which is a major factor of conductive breakdown.

DETAILED DESCRIPTION - A polymer layer(2) is coated on the outer surface of an

elastic tantalum ball (1) by a predetermined thickness. The polymer layer is made of polystyrene. A nickel layer (3) is formed on the outer surface of the polymer layer by a predetermined thickness. A gold layer (4) is coated on the outer surface of the nickel layer by a predetermined thickness.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: CONDUCTING BALL ANISOTROPE CONDUCTING FILM

DERWENT-CLASS: A85 L03 U11

CPI-CODES: A04-C02E; A11-B05; A11-C04B1; A12-E01; L04-C10;

EPI-CODES: U11-D03B;

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C2003-032521

